

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-11 (cancelled).

12. (currently amended) A catheter/prosthesis assembly comprising:
a catheter having a prosthesis delivery balloon;

an expandable tubular body mounted on the prosthesis delivery balloon and having a first end, a second end, a plurality of interconnected cylindrical wall sections including a first cylindrical wall section at the first end of the tubular body, a second cylindrical wall section at the second end of the tubular body, and at least one intermediate cylindrical wall section between the first and second cylindrical wall sections, wherein each of the cylindrical wall section contains multiple hinges, and

a plurality of S-shaped connectors which extend between and are secured at a first end to a cylindrical wall section and at a second end to a longitudinally adjacent cylindrical wall section wherein the first and second ends of the S-shape connectors each emerge laterally angularly in a non-axial direction with respect to a longitudinal axis of the wall section and the connectors are configured to provide both expansion and contraction between adjacent cylindrical wall sections, wherein each group of S-shaped connectors which spans a successive space between adjacent cylindrical wall sections is rotationally staggered with respect to the next group so that the individual S-shaped connectors in each successive group do not overlap in an axial direction, and wherein the S-shaped connectors on the cylindrical wall section are spaced at least two hinges apart.

13. (withdrawn) The assembly of claim 12, wherein the S-shaped connectors comprise a double curvature shape.

14. (previously presented) The assembly of claim 12, wherein the S-shape connectors are secured to proximate points of adjacent cylindrical wall section.

15. (withdrawn) The assembly of claim 13, wherein the S-shape connectors are secured to proximate points of adjacent cylindrical wall sections.

16. (previously presented) The assembly of any claims 12 to 15, wherein the S-shaped connectors, connect at least some of the longitudinally adjacent cylindrical wall sections extending along an intermediate section of the tubular body which is disposed between ends of the tubular body.

Claims 17-30 (cancelled).